

CLAIMS:

1. A light-emitting device, comprising at least a substrate (1), an anode (2), a first hole transport layer (3), a light-emitting layer (5) and a cathode (6), wherein a first hole blocking layer (4) is arranged between the first hole transport layer (3) and the light-emitting layer (5).
2. A light-emitting device as claimed in claim 1, characterized in that a second hole blocking layer (7) is arranged between the cathode (6) and the light-emitting layer (5).
3. A light-emitting device as claimed in claim 1 or claim 2, characterized in that a layer structure consisting of at least one further hole blocking layer (9, 11) and one further hole transport layer (8, 10) is arranged between the first hole transport layer (3) and the anode (2).
4. A light-emitting device as claimed in claim 3, characterized in that the further hole blocking layers (9, 11) and hole transport layers (8, 10) are arranged in an alternating manner.
5. A light-emitting device as claimed in any of claims 1 to 4, characterized in that the oxidation potential of the material of a hole blocking layer (4, 9, 11) is higher than the oxidation potential of an adjoining hole transport layer (3, 8, 10).
6. A light-emitting device as claimed in any of claims 1 to 4, characterized in that the material of a hole blocking layer (4, 7, 9, 11) is selected from the group consisting of 2,9-dimethyl-4,7-diphenyl-1,10-phenanthroline (Bathocuproin, BCP), 3-(4-biphenyl)-4-phenyl-5-tert-butylphenyl-1,2,4-triazole (TAZ), 2-(4-biphenyl)-5-(*p*-tert-butylphenyl)-1,3,4-oxadiazole (tBu-PBD), 2-(4-biphenyl)-5-(4-tert-butylphenyl)-1,2,4-oxadiazole (PBD), 1,3,5-tris-(1-phenyl-1H-benzimidazol-2-yl)benzene (TBPI) and oligophenyls with perfluorinated side chains.

7. A light-emitting device as claimed in any of claims 1 to 6, characterized in that an electron transport layer (12) is arranged between cathode (6) and light-emitting layer (5).